

20030417.ba v03_n478.bam.20030417

>From ???@??? Thu Apr 17 09:14:39 2003 -0500
Message-Id: <200304171414.h3HEEY1r017311@sco.theporch.com>
Date: Thu, 17 Apr 2003 09:14:04 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3478

BOATANCHORS Digest 3478

Topics covered in this issue include:

- 1) Re: Information on TCS System
by WA5CAB@cs.com
- 2) Hamfest report - Raleigh NC
by "Nick England" <n timer@3rdtech.com>
- 3) Re: Hamfest report - Raleigh NC
by cswiger <cswiger@widomaker.com>
- 4) Bolinas and KEL
by john <johnmb@nc.rr.com>
- 5) Re: Hamfest report - Raleigh NC
by "Al Parker" <anchor@ec.rr.com>
- 6) Eastern Shore Hamfest
by "Ed Zeranski" <ez eran@concentric.net>
- 7) Re: Bolinas and KEL
by "Richard Dillman" <ddillman@igc.org>
- 8) High Data Rate Signal on 3564?
by "Chris Bowne" <radiobwn@riconnect.com>
- 9) A Grand Experiment aboard the USS COBIA
by Tom Aschenbrenner <boat@Aschen.com>
- 10) DX-100 & HQ-160X For Sale
by JONWEINER@aol.com
- 11) FS: National HRO Senior
by JONWEINER@aol.com
- 12) General Radio Sig Gen. Type 804B Schematic Wanted
by =?iso-8859-1?Q?Andr=E9_Guibert?= <aguibert@sympatico.ca>
- 13) Need info on dc choke Magnespec 501500
by <plmills@attglobal.net>
- 14) Easton Hamfest
by Smith <smithab11@comcast.net>
- 15) TCS help wanted
by "JAMES T HANLON" <knjhanlon@msn.com>
- 16) Re: TCS help wanted
by Mike Feher <n4fs@monmouth.com>
- 17) RE: TCS help wanted
by "WF2U" <wf2u@starband.net>
- 18) Re: TCS help wanted

by "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
19) Re: TCS help wanted
by "Ed Zeranski" <ezeran@concentric.net>

From: WA5CAB@cs.com
Message-ID: <54.ef4bfe6.2bcacd47@cs.com>
Date: Sun, 13 Apr 2003 10:25:11 EDT
Subject: Re: Information on TCS System
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative; boundary="part1_54.ef4bfe6.2bcacd47_boundary"

--part1_54.ef4bfe6.2bcacd47_boundary
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Liles and Group,

There were, to my knowledge, six different transformer/rectifier type AC operated power supplies made for the TCS. Two ran only the transmitter (which wasn't yet called TCS). There were at least two different dynamotor supplies (actually, there are three different numbers that I know of but two are identical). There were about five different motor-generator supplies with input voltages from 12 to 230 VDC. I don't recall for sure off the top of my head whether any of the MG sets were AC operated.

There were 16 different TCS models from TCS through TCS-15. Most were made by Collins. The Navy had the habit of incrementing the model suffix number for every new contract, so there is little to no difference between models. There were very few (I can only think of five [IF's, rotary loading coil, external loading coil, handles and cables]) changes made from TCS through TCS-15, and as complete units, any TCS model unit will work with any other TCS model unit. In fact, the only readily apparent changes were addition of handles in place of posts (TCS-6 I think) and whether the contractor used Philips or slotted head machine screws. :-) It is interesting to note that all of the later sets (which comprise most of those we see) are or appear to be based on the TCS-6, which was not a Collins contract.

In a message dated 4/13/2003 1:06:30 AM Central Daylight Time,
boatanchors@theporch.com writes:

>
> Content-Type: text/plain; charset=us-ascii; format=flowed
> Content-Transfer-Encoding: 7bit
>
> Good evening Everybody,
>

> I recently saw a set of TCS-14's made by Air King. I have seen these at
> swap meets before (not necessarily Air King's however), and I have
> always thought that these were powered from dynamotors. However these
> twins were powered from a power supply that plugged into the 110 VAC
> power line. The power supply unit must be a fairly healthy power supply
> to power the transmitter. My guess is that this power supply is the
> original issue unit if there is such a thing. Are these 110 VAC powered
> TCS's rare or in any way unique?? Does anyone have some good
> information on TCS's on a web page??
>

Robert Downs
Houston
<wa5cab@cs.com>

--part1_54.ef4bfe6.2bcacd47_boundary
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

```
* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
*      (such as an attached file, a v-card, HTML formatting) *
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*      If your postings display this message your mail program *
*      is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

--part1_54.ef4bfe6.2bcacd47_boundary--

Message-ID: <00b301c30216\$a12ec9c0\$6401a8c0@cs.unc.edu>
From: "Nick England" <nick@3rdtech.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Hamfest report - Raleigh NC
Date: Sun, 13 Apr 2003 19:44:30 -0400
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Plenty of boatanchorites were wandering the aisles at the Raleigh NC hamfest today.

As usual I had a good time swapping tales with all the local BA gang.

There was a pretty fair assortment of boatanchors for sale, most at reasonable prices.

Overall number of sellers was down but I think BA content was about the same as the last few years.

Maybe some of the other BA attendees will chime in with other gear and prices -

Some gear that I spotted -

Johnson Navigator (\$150 unmodified with orig. meter - I was happy to get this)

Viking II - \$100

Pacemaker - \$100 unsold (contact me if interested)

Hallicrafters -

SX-27 in reasonable shape \$40

multiple S-38, S-120

Hammarlund

Several HQ-129, HQ-145, HQ-150

HQ-170AC - asking \$250, unsold the last I saw it

National

NC-88

early HRO w/ doghouse and 4 coils for \$300

Multi-Elmac AF-54 w/ mobile p/s - \$40

Clegg Interceptor + Zeus + mod/ps - beautiful - asking \$375 unsold

Knight T-60

Heath DX-100, DX-40, several SB-101, HW-101, Mohawk, Warrior

Collins - a couple of dealers had S-lines and R-390

Good collections of parts from estates or guys cleaning out the basement

Very little military gear - 1-2 ARC-5's is all I remember

73 & Have Fun,

Nick KD4CPL

Nick England

3rdTech Inc. www.3rdtech.com

(w) 919-929-1903

(fax) 919-929-2098

Date: Sun, 13 Apr 2003 20:20:53 -0400 (EDT)

From: cswiger <cswiger@widomaker.com>

To: Old Tube Radios <boatanchors@theporch.com>

cc: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: Hamfest report - Raleigh NC

Message-ID: <20030413200742.T22648-1000000@wilma.widomaker.com>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 13 Apr 2003, Nick England wrote:

> Plenty of boatanchorites were wandering the aisles at the Raleigh NC hamfest

> today.
>

There certainly were - one R390(A?) at \$350 sat for a while but was gone before I left. Same table had an SX-62(A?) about \$290. I was considering one power supply 0-500v 0-75ma - dusty - about \$50. Lots of tubes, big pile of old Gernsback mags. My main toy this time was an H.H. Scott 99C (3 12ax7 and pair metal 616) \$40 Just got most of the black beauties replaced and playing fine. A tall thin Bandmaster looked interesting, HQ-129, one HQ-120-X sold for \$220.

--Chuck

Message-Id: <3.0.3.32.20030413203755.01fe7348@pop-server.nc.rr.com>
Date: Sun, 13 Apr 2003 20:37:55 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: john <johnmb@nc.rr.com>
Subject: Bolinas and KEL
Cc: Robert Buehlmann <w4jg@earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Perhaps this has already been covered in one of Dick Dillmans updates on his activities at Bolinas, but while cruising the Feb '33 QST **, I noted a rather extensive article "It's a Ham Paradise.. an amateurs impression of KEL Bolinas Cal".

Great article, and a picture of what looks to be the same building as shown on Dicks website (<http://www.radiomarine.org/>). The transmitters sound fun..... (6.5 amps of plate current, at 11,500 v) !!

John K5M0

** I'm planning on building the "double decker" breadboard rig (47 osc > 46 doubler > PP46's) shown in this, and the Nov. 32 issue. Got the tubes at the Raleigh fest today. (Thanks W4TIM!).

Message-ID: <0bc701c3021f\$9d32f4f0\$3201a8c0@w8ut>
From: "Al Parker" <anchor@ec.rr.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Hamfest report - Raleigh NC
Date: Sun, 13 Apr 2003 20:48:49 -0400

Hi Nick, Chuck, et al,

I'll add a few notes, Chuck beat me to mention the HQ-120, which was very pretty. I saw a very nice 75A3, a CE 10-B (didn't ask price), an SBE 3x? that I think I've seen at other fests recently, & several collections of old magazines.

I sold a TR-3/AC-3/MS-3/4 for \$130, and it's RV-3 separately for \$100, and an HT-37 for \$150. I think I could have sold that TR-3 at least once more if I had another like it..

Nick sorely tempted me with his offer of the Pacemaker before he left, but I had just refunded \$200 to a guy who decided he really didn't know what he had bought earlier (a complete with spares & accessories Bird TS-118A/AP wattmeter/dummy load) for \$200 (anyone interested, contact me). Plus I had bought Nick's Invader 2000 last Fall and didn't really have the room (what an awesome rig that is).

I agree, the nr of sellers was down a bit from last yr, but 2 yrs ago was at least as sparse. Foot traffic was good tho'.

A good day, lots of good conversations, etc.

73,

Al, W8UT

New Bern, NC

BoatAnchors appreciated here

<http://www.thecompendium.net/radio/>

<http://www.hammarlund.info>

Message-ID: <003201c30227\$810144f0\$08700040@ejzlt>

From: "Ed Zeranski" <ezeran@concentric.net>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Eastern Shore Hamfest

Date: Sun, 13 Apr 2003 18:45:16 -0700

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Raleigh sounds like it was a fun day! A co-worker and I made a run from Quantico VA to Easton MD for the little 'fest put on by the Easton Amateur Radio Society. There were not many BA, I saw an SX-43 for \$50, but there were some parts, two neat military radio displays, and some very nice folks. I came away with a CH-264 spares box for an SCR-508 and some equipment manuals. It was fun talking with East Coast friends and enjoying a great day on the Eastern Shore. BA note: After the fest Bob and I went over to the Chesapeake Maritime Museum in St. Michaels. <http://www.cbmm.org/cbmm.htm> There is a RadioMarine transceiver in the Hooper Straight lighthouse exhibit dated 1942 that could be rebuilt/restored

From: "Richard Dillman" <ddillman@igc.org>
To: Old Tube Radios <boatanchors@theporch.com>
Date: Sun, 13 Apr 2003 20:06:12 -0700
MIME-Version: 1.0
Subject: Re: Bolinas and KEL
CC: Robert Buehlmann <w4jg@earthlink.net>, tom horsfall <wa6ope@hotmail.com>, steve Hawes <shawes@uclink4.berkeley.edu>, denice Stoops <dastoops@sprynet.com>
Message-ID: <3E99C334.12432.29EBD33@localhost>
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

On 13 Apr 2003 at 20:37, john wrote:

> Perhaps this has already been covered in one of Dick Dillmans
> updates on his activities at Bolinas, but while cruising the Feb '33
> QST **, I noted a rather extensive article "It's a Ham Paradise.. an
> amateurs impression of KEL Bolinas Cal".
>
> Great article, and a picture of what looks to be the same building as
> shown on Dicks website (<http://www.radiomarine.org/>). The transmitters
> sound fun..... (6.5 amps of plate current, at 11,500 v) !!
>
> John K5MO

Thanks for the reminder about this article, John. I was able to reach up on the shelf and pull down the issue to re-read it.

We have not covered much of the point-to-point history of the RCA station at Bolinas and Pt. Reyes on our Web site simply because there is so little available (that we have so far found) in the way of artifacts and photographs. However I can add a little to the information in the article.

The first thing that struck me was that the writer did not have time to visit Building 1, the most historic building on the site (dating from 1913), home to the almost sacred (in our modern eyes at least) 200kW Alexanderson alternators. No, he dismissed it all saying "Hadn't I seen all that mattered?" I think not.

The transmitters of KPH, always the poor cousin of the point-to-point service were located in Building 1 as well, as was the original spark transmitter. In documents I have recently received from Will Jensby the spark transmitter was said to cause interference from San Diego to Puget Sound. The writer advised retaining it only if the military wanted to use it... as a jammer!

The low frequency point-to-point service used the call KET while the KEL call was apparently assigned to the high frequency service. Later, judging from artifacts we have found, each frequency had a different call. We still have racks of crystals and complete plug-in oscillator units (that were kept in a special rack with electrical contacts to power their filaments to keep them warm) ready for service.

The pictures illustrating the article are of Building 2, built about 1930 to house the new high frequency transmitters. Building 2A, where the KPH transmitters are now, was added in around 1959. The power supplies for most of these transmitters are on the floor below as was the case in Building 2. Some of these transmitters were in point-to-point service (but decades later than the ones shown in the article) before being handed down to KPH. In the background of the photo may be seen two of the original Marconi towers that held the magnificent Alexanderson multiple tuned antenna aloft.

The interior photo shows the second floor transmitter room looking east. The balcony at the far end of the room still exists. When visiting the room we fantasized that the Chief Engineer might occasionally appear there to survey his domain as his fleet of transmitter operators snapped to attention below. The doors shown in the photo are copper sheathed with finger contacts for a good connection to the frame when closed. Clear glass bowl insulators still line both walls of the room near the ceiling, the only hint that this room was once something more than the large, empty meeting room it is now.

I suppose we should be grateful for what has been preserved of the station and we are. But articles like this remind us of all that has been lost.

VY 73,

RD

=====
Richard Dillman, W6AWO
Member of the Maritime Radio Historical Society
<<http://www.radiomarine.org>>
Collector of Heavy Metal:
Harleys, Willys and Radios over 100lbs.
=====

Message-ID: <005901c30275\$899246c0\$efbcfea9@y2m1k2>

From: "Chris Bowne" <radiobwn@ricconnect.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: High Data Rate Signal on 3564?
Date: Mon, 14 Apr 2003 07:03:51 -0400
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----_NextPart_000_0056_01C30254.01188B40"

This is a multi-part message in MIME format.

-----=_NextPart_000_0056_01C30254.01188B40
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Anyone have any idea what that extremely loud high data rate signal was =
on 3564 kc last (Sunday) night? It was making for tough copy of the Old =
Military Radio Net on 3570 with the TCS-12s. After the net, I looked at =
the signal on the station monitor scope on the IF output of the R-392. =
Appeared to be amplitude modulated pulses, possibly several pulse trains =
interwoven. I remember hearing this type of signal in the mid 60s when =
I first started in ham radio. Never have heard one on the ham bands =
before though. High speed multiplexed Morse? That's what someone told =
me way back when. It did seem to walk up and down in signal strength at =
times, and briefly at about 2220 EDT, shut down and then restarted. Do =
the somewhat systematic changes in signal strength suggest training of =
an OTH HF radar?

Chris Bowne, AJ1G
Stonington, CT

-----=_NextPart_000_0056_01C30254.01188B40
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
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* * * * *

-----=_NextPart_000_0056_01C30254.01188B40--

Message-ID: <3E9ACBB7.B62B577D@Aschen.com>

Date: Mon, 14 Apr 2003 09:54:47 -0500
From: Tom Aschenbrenner <boat@Aschen.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: A Grand Experiment aboard the USS COBIA
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

On April 26th the Wisconsin Maritime Museum is having its opening on a new addition to the museum. As a part of this, the EAA out of Oshkosh, WI. is having a fly over using a restored B-17 along with some other vintage aircraft.

So, the Grand Experiment is: For the first time in at least 50(?) years, there will be a WWII aircraft tracked on a WWII radar!!

I have no idea how this will work out. The SJ-1 seems to be up to the book specs as far as operating sensitivity and transmit power but, of course, the units antenna is optimized for surface search duty. The book states that the antenna has a 18 degree vert beam width so after about a 1000 yards the planes, flying at about 2000 feet, should be visible on the scopes.

I'll report the results.

Tom Aschenbrenner

From: JONWEINER@aol.com
Message-ID: <1e6.6996dce.2bcc2def@aol.com>
Date: Mon, 14 Apr 2003 11:29:51 EDT
Subject: DX-100 & HQ-160X For Sale
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="part1_1e6.6996dce.2bcc2def_boundary"

--part1_1e6.6996dce.2bcc2def_boundary
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I've got a couple more radios that I know I won't have time to restore. Both are in good condition, complete and unmodified, with cabinets and correct knobs. Front panels have no extra holes. Both will need restoration. One is a

Heathkit DX-100 transmitter, the other is a Hammarlund HQ-160X receiver.
Price is \$150. each, for pick up only at Greer, SC.

Jon

--part1_1e6.6996dce.2bcc2def_boundary
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

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* * * * *
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--part1_1e6.6996dce.2bcc2def_boundary--

From: JONWEINER@aol.com
Message-ID: <b9.30c653f8.2bcc4b88@aol.com>
Date: Mon, 14 Apr 2003 13:36:08 EDT
Subject: FS: National HRO Senior
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="part1_b9.30c653f8.2bcc4b88_boundary"

--part1_b9.30c653f8.2bcc4b88_boundary
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I have for sale an excellent condition early National HRO-SR receiver.
Includes National HRO-SR receiver, four coil sets, original wooden coil box,
matching National doghouse power supply, and copy of the original manual.
Price \$475.

Jon, K1VVC

--part1_b9.30c653f8.2bcc4b88_boundary
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

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* * * * *
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--part1_b9.30c653f8.2bcc4b88_boundary--

Message-ID: <001101c302dd\$8ac06b40\$9982d1d8@b1yhpg64>
From: =?iso-8859-1?Q?Andr=E9_Guibert?= <aguibert@sympatico.ca>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: General Radio Sig Gen. Type 804B Schematic Wanted
Date: Mon, 14 Apr 2003 19:27:35 -0400
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----=_NextPart_000_000D_01C302BB.E6F10180"

This is a multi-part message in MIME format.

-----=_NextPart_000_000D_01C302BB.E6F10180

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

Good evening to All

Would greatly appreciate getting either a photo copy of the manual with =
a schematic=20

or any leads to sources that can supply a copy of the schematic.

Will gladly pay costs.

Andre

-----=_NextPart_000_000D_01C302BB.E6F10180

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

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-----=_NextPart_000_000D_01C302BB.E6F10180--

Message-ID: <000701c303a3\$dd7d39f0\$41de400c@W5BVB>
From: <plmills@attglobal.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Need info on dc choke Magnespec 501500
Date: Tue, 15 Apr 2003 18:08:00 -0500
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I bought an amp that has this as the filter choke in
the dc plate supply. Could anyone supply info
on its specs?

thanks & 73,
Phil
W5BVB

Date: Wed, 16 Apr 2003 12:14:27 -0400
From: Smith <smithab11@comcast.net>
Subject: Easton Hamfest
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <000701c30433\$40d12f40\$daf22144@dover01.de.comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=Windows-1252
Content-transfer-encoding: 7BIT

Pictures of the military radio contingent at the East Coast Easton Ham fest
can be see at :

<http://solo11.abac.com/zorroab1/Easton%20HF%20%20PHSP.htm>

73 breck k4che

From: "JAMES T HANLON" <knjhanlon@msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: TCS help wanted
Date: Thu, 17 Apr 2003 06:32:22 -0600
MIME-Version: 1.0
Content-Type: multipart/alternative; boundary="-----
=_NextPart_001_0004_01C304AB.1A999F60"
Message-ID: <BAY4-DAV139trSBYh130002cce4@hotmail.com>

-----=_NextPart_001_0004_01C304AB.1A999F60

Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

All y'all,

(My friend from Texas assures me that "All y'all" is the plural form of "y'all.")

I had a call from a fellow at work who is looking for "conversion information" for a TCS transmitter and receiver. He has a pair and wants to get them on the air. I referred him to Fair Radio for schematics and manual information. I'd appreciate any other sources of information or "conversion" articles that I can pass on to him.

Thanks,

Jim, W8KGI

-----=_NextPart_001_0004_01C304AB.1A999F60
Content-Type: text/plain; charset=us-ascii
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```

-----=_NextPart_001_0004_01C304AB.1A999F60--

Date: Thu, 17 Apr 2003 08:52:46 -0400
From: Mike Feher <n4fs@monmouth.com>
Subject: Re: TCS help wanted
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <00df01c304e0\$4261d8c0\$0500a8c0@eoz>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Jim -

Tell him they do not need conversion. They work great just as they are. 73 -
Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-901-9193

----- Original Message -----
From: "JAMES T HANLON" <knjhanlon@msn.com>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Thursday, April 17, 2003 8:32 AM
Subject: TCS help wanted

All y'all,

(My friend from Texas assures me that "All y'all" is the plural form of "y'all".)

I had a call from a fellow at work who is looking for "conversion information" for a TCS transmitter and receiver. He has a pair and wants to get them on the air. I referred him to Fair Radio for schematics and manual information. I'd appreciate any other sources of information or "conversion" articles that I can pass on to him.

Thanks,

Jim, W8KGI

From: "WF2U" <wf2u@starband.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: TCS help wanted
Date: Thu, 17 Apr 2003 09:22:19 -0400
Message-ID: <NABBLNEJDDKECLKHCAAPGEGKIPAA.wf2u@starband.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have bunch of "conversion" (i.e. massacre) articles and manuals, among them TCS related. However, I only use these if it helps in the restoration of converted (i.e. massacred) military equipment.

I don't understand why the TCS owner needs "conversion" information (unless

of course he wants to restore it to original from one of the published conversion schemes). The TCS works great as issued, without hacking it up.

Fair Radio should have the manuals.

73, Meir WF2U
Landrum, SC

-----Original Message-----

From: owner-boatanchors@theporch.com
[mailto:owner-boatanchors@theporch.com] On Behalf Of JAMES T HANLON
Sent: Thursday, April 17, 2003 8:32 AM
To: Old Tube Radios
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Date: Thu, 17 Apr 2003 09:24:27 -0400 (EDT)
From: "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
Message-Id: <200304171324.JAA27414@aa4rm.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: TCS help wanted

Jim at this late date "C-o-n-v-e-r-t-i-n-g a T-C-S" is kinda bad news

There's so few originals & soooo many permanantly munged ham-hacks.

I'll be glad to send the fella a diagram of the PP380U 115V supply built in the 50s. At least good for connector pin-outs.

He can dupe the whole thing with 1 TV power transformer* and 2 AN connectors he can get from Robt. Downs Houston or Bill Perry in Louisville for ~\$30.

The p-s builder would series the 6 & 5V wdg.s as source for a bridge for it's 12VDC filament & relay needs.

Sound like a ER article?

But then it's the Texan's property. If the axe, chisel, dremel tool, 110VAC relays & American Beauty are preferred to do it the "right 40s conversion way," it's a free country.

Jim perhaps you could write an ER article on the 'later way!*

The readership would laud it.

Marty

PS... he can match link to 50 ohms by simply putting right series C in series with link. This cancels link X1. No need to "tear out final tank & improve with pi-net." Ask W8AU.

* I ran mine on a 12V car battery & a Lambda bench supply for 2 years before arrival of PP380

Message-ID: <001e01c304ec\$2ec41060\$5d700040@ejzlt>

From: "Ed Zeranski" <ezeran@concentric.net>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: TCS help wanted

Date: Thu, 17 Apr 2003 07:18:11 -0700

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

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There isn't much you need to do other than provide a power supply. TCS was made to feed a 20 ft. whip so you made need play with some series capacitance depending on your antenna. There was an article in a long ago QST about adapting the TCS to 50 ohm loads so if you have access to the old

magazines you can search for that but adding series C is simple and does not
mod the set.

End of BOATANCHORS Digest 3478
